

Converting Colors

YUV(180.1210, 16.7023, 9.5409)

Have a look what the booklet for
YUV(180.1210, 16.7023, 9.5409)
contains.

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Color

**YUV(180.1210, 16.7023,
9.5409)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA8D6
RGB	191, 168, 214
RGB Percent	75%, 66%, 84%
CMY	0.2510, 0.3412, 0.1608
CMYK	0.11, 0.21, 0.00, 0.16
HSL	270°, 36%, 75%
HSV	270°, 21%, 84%
XYZ	47.6261, 43.9367, 69.5888
YIQ	180.1210, -1.0580, 19.1820

Conversions

Conversions Part 2

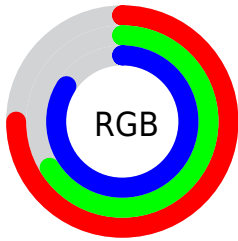
Format	Color
R_{YB}	191, 168, 214
Decimal	12560598
CIE _{Lab}	72.19, 17.02, -20.23
CIE _{LCh}	72, 26.439, 310.079
Yxy	43.9367, 0.2955, 0.2726
Android (android.graphics.Color)	4290750678 (0xFFBFA8D6)
YUV	180.1210, 16.7023, 9.5409
Hunter-Lab	66.2847, 12.2553, -15.8461

Details

The YUV color **180.1210, 16.7023, 9.5409** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.8790, -16.7023, -9.5409**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1230, 10.2924, 12.1701**, and **127.1810, 15.6868, 8.6113** is the 20% darker color. If you saturate the color by 10%, you get **164.5050, 24.4010, 13.5891**, and if you desaturate by 10%, it is **195.7370, 9.0037, 5.4927**.

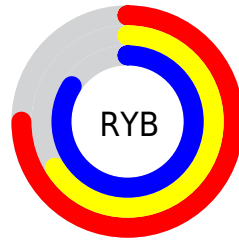
Distribution



Red (75%)

Green (66%)

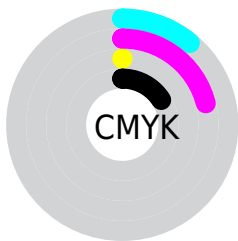
Blue (84%)



Red (75%)

Yellow (66%)

Blue (84%)

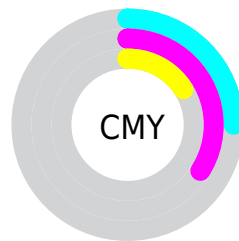


Cyan (11%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (34%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.1210, 16.7023, 9.5409 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 180.1210, 16.7023, 9.5409 by changing the saturation by 10% instead.

180.1210, 16.7023,
9.5409

180.1210, 16.7023,
9.5409

255.0000, 0.0000,
0.0000

153.5940, 15.9762,
9.1261

234.1230, 10.2924,
12.1701

127.1810, 15.6868,
8.6113

253.2390, 0.8682,
1.5444

101.7680, 15.3974,
8.0965

78.2410, 14.6712,
7.6816

54.7140, 13.9450,
7.2668

32.8880, 13.3662,
6.2372

10.9100, 13.3554,

9.7259

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 180.1210, 16.7023,
9.5409

■ 180.1210, 16.7023,
9.5409

■ 164.5050, 24.4010,
13.5891

■ 195.7370, 9.0037,
5.4927

■ 148.6010, 32.2417,
18.7669

■ 211.6410, 1.1630,
0.3148

■ 132.9850, 39.9404,
22.8152

■ 227.2570, -6.5357,
-3.7334

■ 116.7820, 47.9285,
27.3782

■ 243.4600,
-14.5238, -8.2964

■ 101.4650, 55.4798,
32.0412

■ 247.3360,
-16.4346, -2.0487

■ 85.8490, 63.1784,
36.0894

■ 250.3260,
-17.9087, 4.0991

■ 69.6460, 71.1665,
40.6525

■ 56.3890, 77.7022,
44.3858

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



176.3890, 23.4722, -15.2502



180.1210, 16.7023, 9.5409



180.9080, 6.4544, 29.8987

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180.1210, 16.7023, 9.5409



177.3290, -22.3472, 27.7755



166.3960, 9.1718, -48.5823

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



180.1210, 16.7023, 9.5409



201.8790, -16.7023, -9.5409

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



168.6510, -4.2649, -32.1429



180.1210, 16.7023, 9.5409



174.8060, -22.5824, 9.8171

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180.1210, 16.7023, 9.5409



179.1160, -15.8332, 38.4863



171.9820, -16.2601, -11.3852



166.2350, 20.0971, -52.8261

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180.1210, 16.7023, 9.5409



180.6010, -1.2823, 38.0609



171.9820, -16.2601, -11.3852



166.8650, 4.5036, -44.6086

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



180.1210, 16.7023, 9.5409



243.8030, 5.5201, 2.8038



186.7450, 13.4367, -16.4394



121.2220, 3.3416, 1.5593



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.1210, 16.7023, 9.5409



206.3910, 23.9642, 13.6891



186.9980, 13.3120, 23.6808



99.0480, 3.9203, 2.5889



44.9090, 62.1629, 35.1598



11.4800, 15.5394, 9.2260

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



184.3760, 3.2656, 25.9802



212.4960, 4.6855, 37.2760



195.0020, -13.3120, -23.6808



99.9730, 0.9993, 6.1627



60.8190, 11.9212, 96.6287



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 180.1210, 16.7023, 9.5409 looks on a white background.

Color Contrast Check

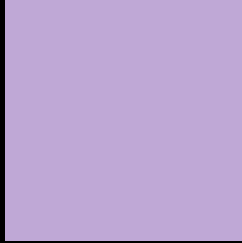
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 180.1210, 16.7023, 9.5409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

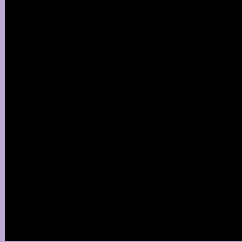
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.1210, 16.7023, 9.5409

Background



This preview shows how black text looks on a background with the YUV color 180.1210, 16.7023, 9.5409.



This preview shows how white text looks on a background with the YUV color 180.1210, 16.7023, 9.5409.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

180.1210, 16.7023, 9.5409

Protanopia

177.6240, 20.3984, -9.3172

Deuteranopia

178.4570, 17.0297, -2.1548



Tritanopia

178.7820, 4.0515, 7.2072

Trichromacy



Original Color

180.1210, 16.7023, 9.5409

Protanomaly

178.3260, 19.0663, -2.0399

Deuteranomaly

178.7780, 16.8714, 1.9487

Tritanomaly

179.0470, 8.8508, 7.8518

Monochromacy



Original Color

180.1210, 16.7023, 9.5409

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2160, 5.8095, 3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1210, 16.7023, 9.5409 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 168, 214)` looks like.

```
.text, #text, p{  
    color:rgb(191, 168, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 168, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 168, 214) }
```

Border

The CSS property to change the border of an element to YUV 180.1210, 16.7023, 9.5409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 168, 214) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(191, 168, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(191, 168, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 168, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 168, 214);  
box-shadow:4px 4px 4px 4px rgb(191, 168,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 180.1210, 16.7023, 9.5409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 168, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191,  
168, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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